

Aberdeen Proving Ground (APG) Science and Technology Board
Meeting, January 20, 1999

1. The APG Science and Technology board convened at 10:00, January 20, 1999. Mr. Brian Simmons opened the meeting.

2. Attendees at the meeting were:

Mr. Brian Simmons	U.S. Army Test and Evaluation Command (USATECOM)
Mr. Tom Sadowski	Harford County Economic Development Office
Mr. Nick Infussi	Harford County OED
Dr. Jay Valdes	U.S. Army Soldier, Biological, Chemical Command
Mr. Charlie Crocker	USATECOM
Dr. Jim LaCalle	Harford Community College
Mr. Steve Kistner	U.S. Army Center for Health Promotion and Preventive Medicine (CHPPM)
Mr. Warren Mullins	Northeastern Maryland Technology Council
Dr. Jim Streilein	U.S. Evaluation Analysis Center
Dr. Robert Gell	Cecil Community College
Dr. Brennie Hackley	U.S. Army Medical Research Institute of Chemical Defense (USAMRICD)
Mr. Jack Roth	U.S. Army Aberdeen Test Center (USAATC)
Mr. Jeff Highland	USATECOM
Mr. Rick Cozby	USATECOM
Ms. Katie McRoberts	U.S. Army Garrison, Aberdeen Proving Ground (APGG)
Mt. Roy Albert	USASBCCOM
Mr. Jack Martin	TRI-S, Inc.
Mr. Rich Dimmick	U.S. Army Research Laboratory (USARL)
Ms. Pat McClung	GAPG Public Affairs
Mr. Jim Pattison	U.S. Army APG-CPAC
Ms. Laura Haug	USATECOM
Mr. Joe Craten	GAPG
Ms. Denise Carnaggio	Office of Economic Development
Mr. Stephen Clark	USATECOM

3. Actions Items/Subgroup Reports

a. Mr. Dimmick briefed Web site and Carderock.

b. Environmental emphasis area at APG needed

c. Do not want to emulate the other player's home pages. Want them to be unique.

d. Fire fighting initiative being worked with Mr. Roth at ATC. Design criteria of fire fighters of the future. Also funding is an issue. Mr. Roth emphasized that this initiative is larger than ATC and ARL can handle. Asked for Harford County support. Big protocol issue. Ms. Carnaggio suggested this was a big protocol issue and requires NMTC involvement. Suggested meeting. Mr. Roth suggested next week.

e. Other area of interest is to grow APG into a materials center of excellence. ARL is working with Mr. David Weiss, Maryland Technology Czar. Lots of materials based opportunities within the area.

f. Also look at biotechnology and communications technology.

g. Mr. Infussi appointed in charge of HEAT and APG issues.

h. Mr. Infussi stated that Mr. Harkins wants the HEAT center to work. Brings D.C. experience to the table.

i. Dr. LaCalle assumed responsibility for the HEAT center. Took first look at the questionnaire; feels it does not address needs of APG. Will re-look. Eglin trip will be the end of March.

j. Mr. Cozby briefed working meeting results. Small group met 13 Jan at Richlin ballroom. Established focus areas. Outlined agenda-Plans in place/working.

l. Mr. Cozby stated that the re-signing ceremony for the S&T board charter is slated for March 23, 1999. (NOTE: Due to calendar conflicts, ceremony is being re-scheduled).

m. Mr. Clark briefed Value Engineering course. Course dates are February 22-26 at HEAT Center. No cost to attendees. Mr. Clark is POC.

4. Dr. Valdes briefed National Protection Center, a virtual center, linking agencies involved in chem/bio area. Will serve as the forum and catalyst between the capabilities and requirements of federal local and state government industry and academia.

a. Need to go identify potential key partners, identify key technologies, terms of engagement, scope of virtual university, and roadmap.

b. Modeled after National Automotive Center and National Rotorcraft Center. Needed: charter from President, Congressionally funded, reviewed by National Research Council, matching investment from Partners.

c. Concerns: Defining NAC/NRTC partners was easy. Big three, natural raison d'être. Other agencies and Services Labs may continue to compete rather than partner. Inability to lobby Congress.

d. Drivers: Change in the nature of threat. Increasing number of players; Interoperability Concerns. Loss of corporate memory. Acquisition Reforms encourages creative partnerships. NPC Functions. Define a national strategy, requirements and further operational capabilities.

e. R&D funding and execution. Assess and prioritize emerging technology. Provided early entry to acquisition cycle. Inclusive informatics database.

f. Characteristics: Administered at SBCCOM. S&T Cells located a CB-COE and s-COE. Assignees are scientists and engineers. Assignments are of limited tenure.

g. Projects, studies and tech transfer. Personnel exchanges. Virtual university.

h. Where does the money go? Matching funds for targeted technologies. Information databases. postdoctoral fellows and interns, Technology transfer.

i. Technology FOCI (partial list). Smart multifunction materials, modeling and simulations, microclimate is cooling heating.

j. Project Attributes. Driven by gaps in current R&D based on military and state, and local responder's requirements. Initiated by center partners. Approved and review by technical advisory council and user panel. Dual-use marked analysis.

k. Virtual university. Identify key disciplines, defined course requirements for each, establish assessment with local universities. Link to employee's critical skills. Link to employee's progression

l. Metrics for success: Technology transitioned to industry product lines. DoD acquisition cycle.

m. What do I need from you? Need board's ideas, comments, perspective on how to refine/define the concept. Access to political powers-to-be. Require DoD Buy-in. Need to do this by this summer or labor day.

n. What's in it for you? Access to new, big markets requires early entry to DoD acquisition cycle. Access to Unique government laboratories and international Partners. Easy access to R&D information. Support for High Risk cutting- edge technologies.

o. Game plan. Identify key partners based on mission, technical capability, political access, get concept paper to key congressional reps.

5. Mr. Pattison briefed on APG Apprentice Program. Briefing will be put on the S&T board Web site for employers to use to try to recruit individuals, and for perspective employees to use to apply.

6. Mr. Mullins briefed NMTC.

a. Held annual meeting; Mr. Hollis, keynote speaker, spoke about future of APG. Actually talked about ATC. He did say that ATC future was secure and has been involved in testing retrofit on items. He did not say anything on ordnance, wheeled vehicles, tanks, etc. Someone posed a question on long term future of Churchville.

b. Warren stated that we need to improve our incubator plan for the HEAT center. Other states do much more for their companies.

7. The next meeting of the board is scheduled for February 24, 1999. Decision was made by the board to continue meeting on a monthly basis.

Stephen C. Clark
S&T Board Coordinator